

Chemical structures of DNA, PNA, and a modified PNA (PNA-3').

Fig. 1

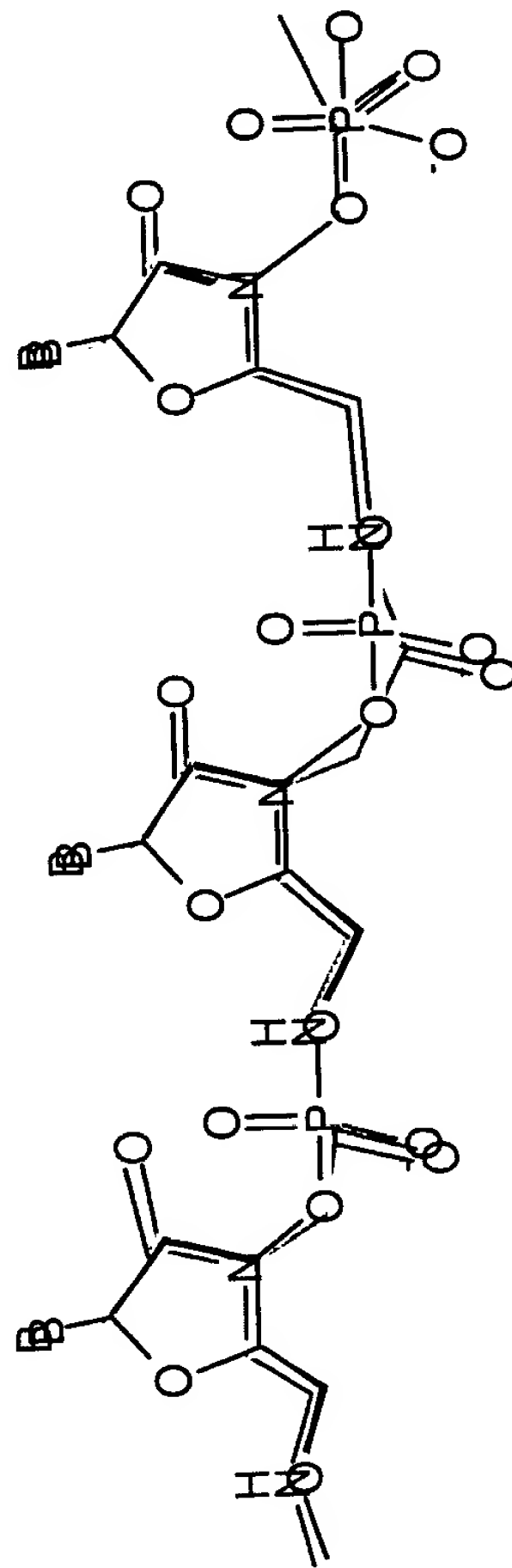
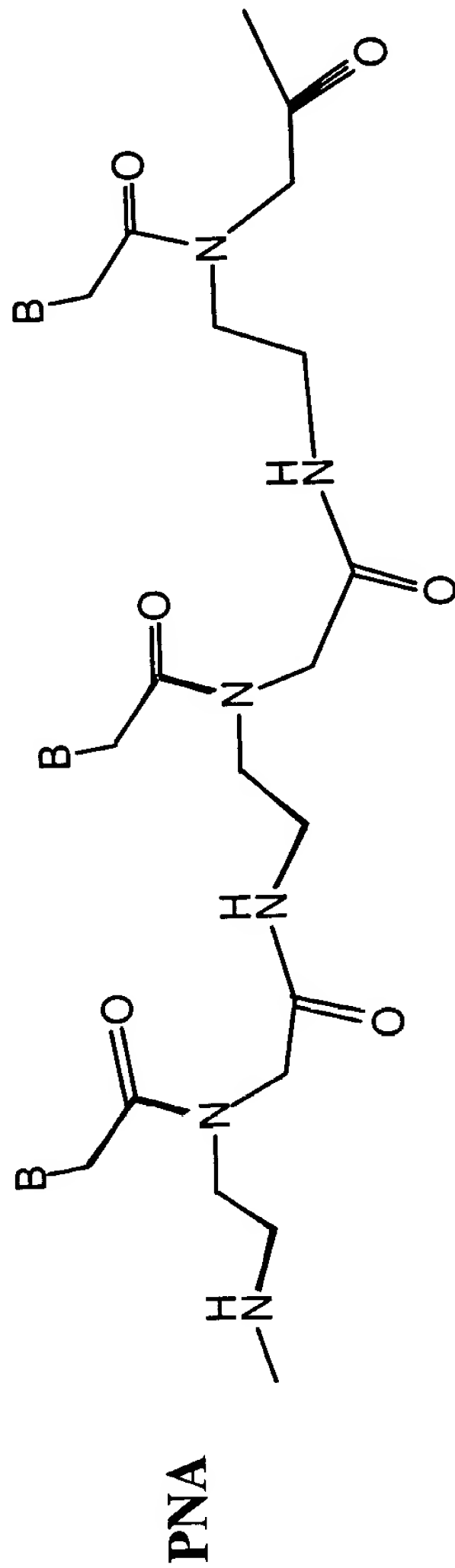
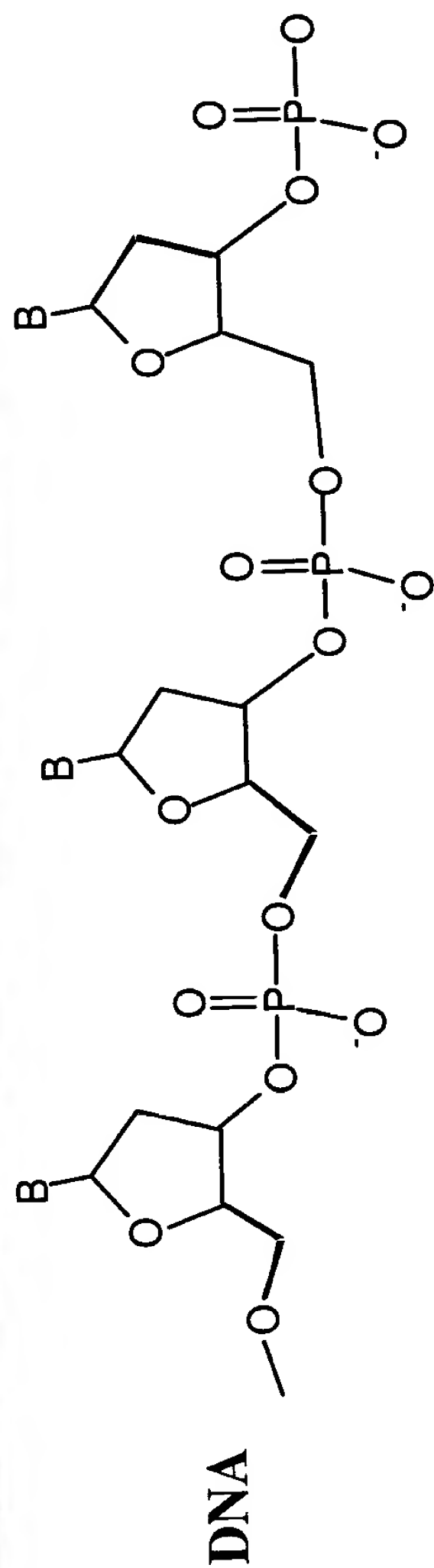


Fig. 2A

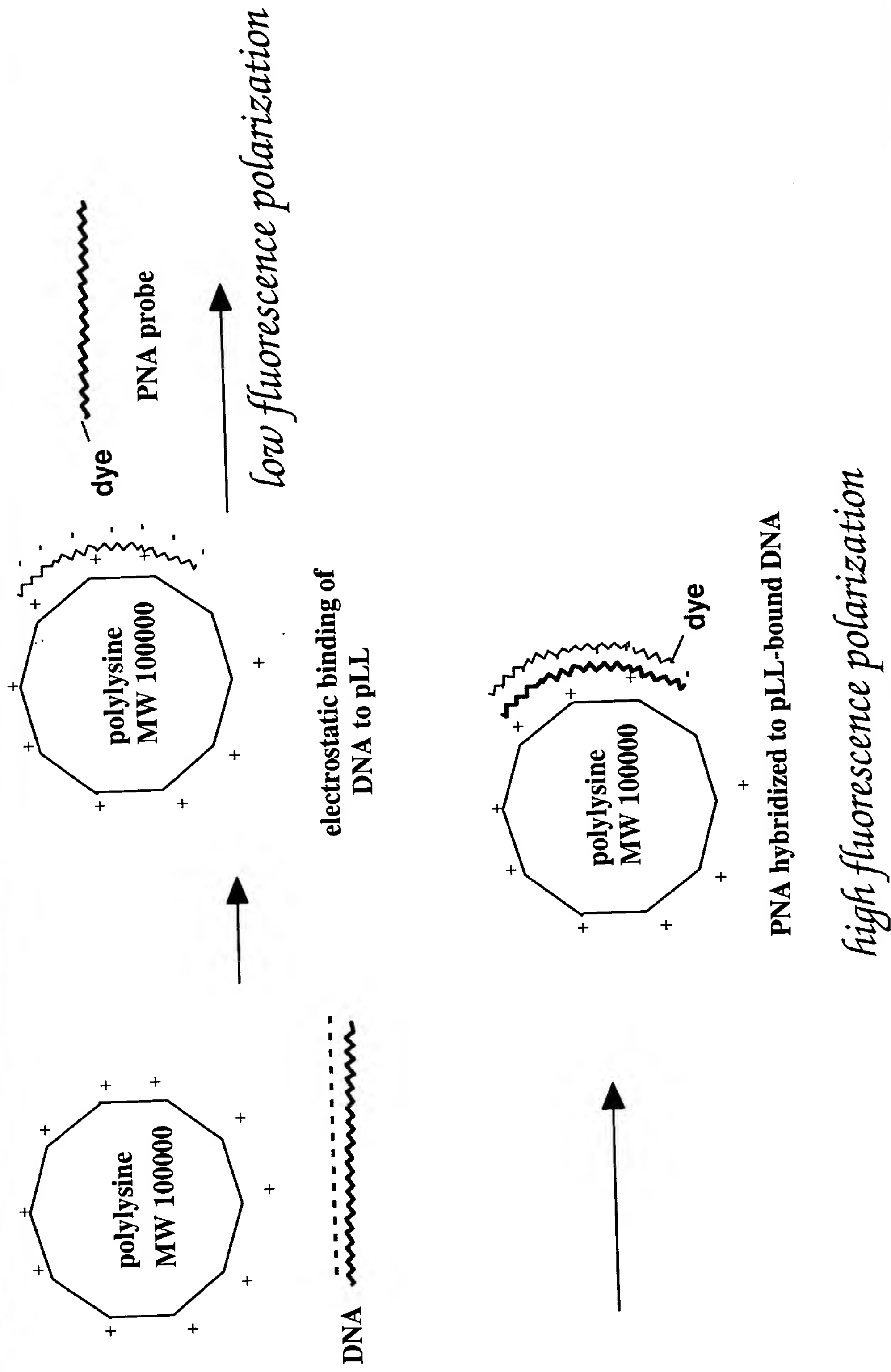


Figure 2B shows the fluorescence polarization of various samples. The y-axis represents the fluorescence polarization value, ranging from 0 to 0.2. The x-axis lists the samples. The values for each sample are indicated above the corresponding bars.

**Fig. 2 B**

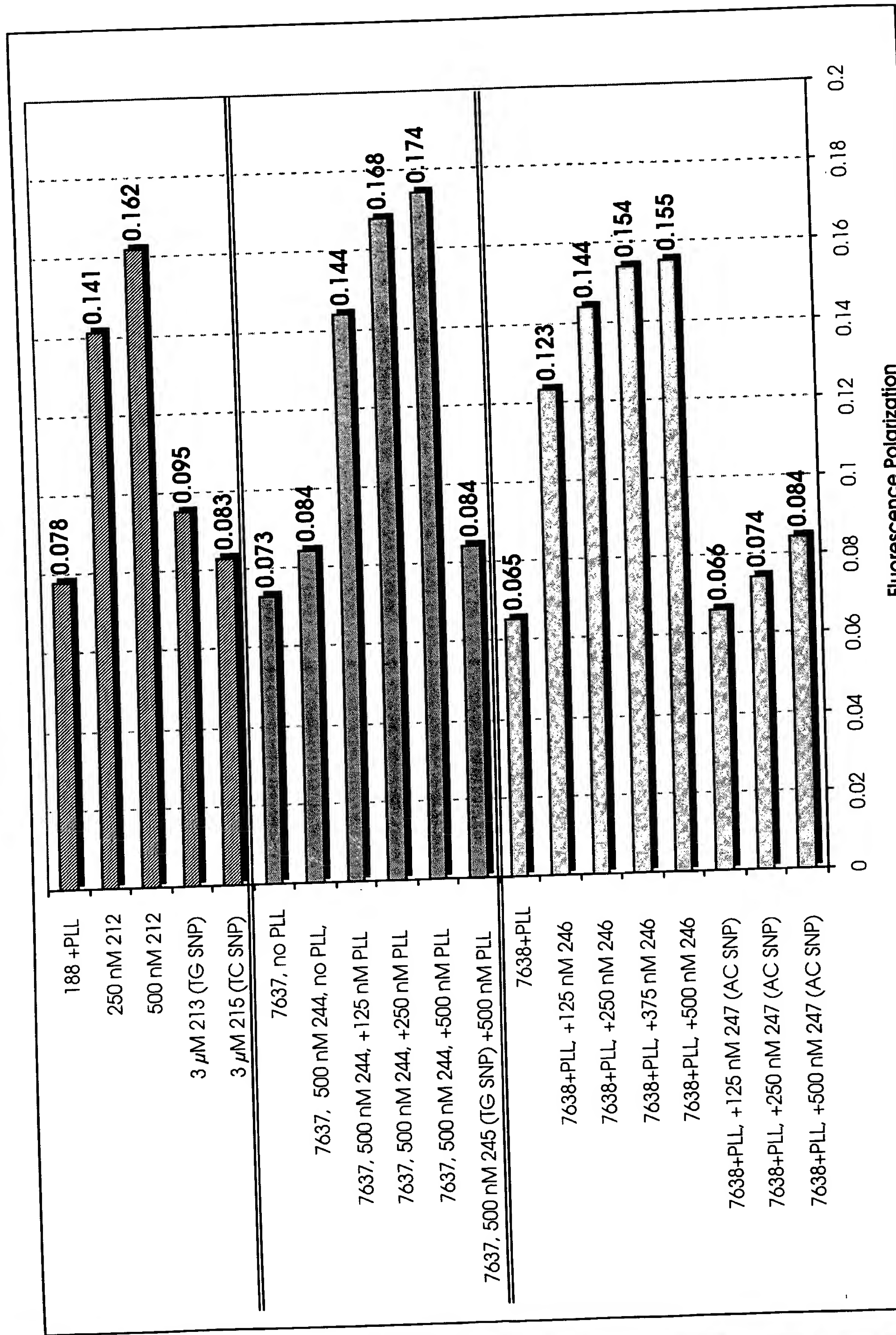
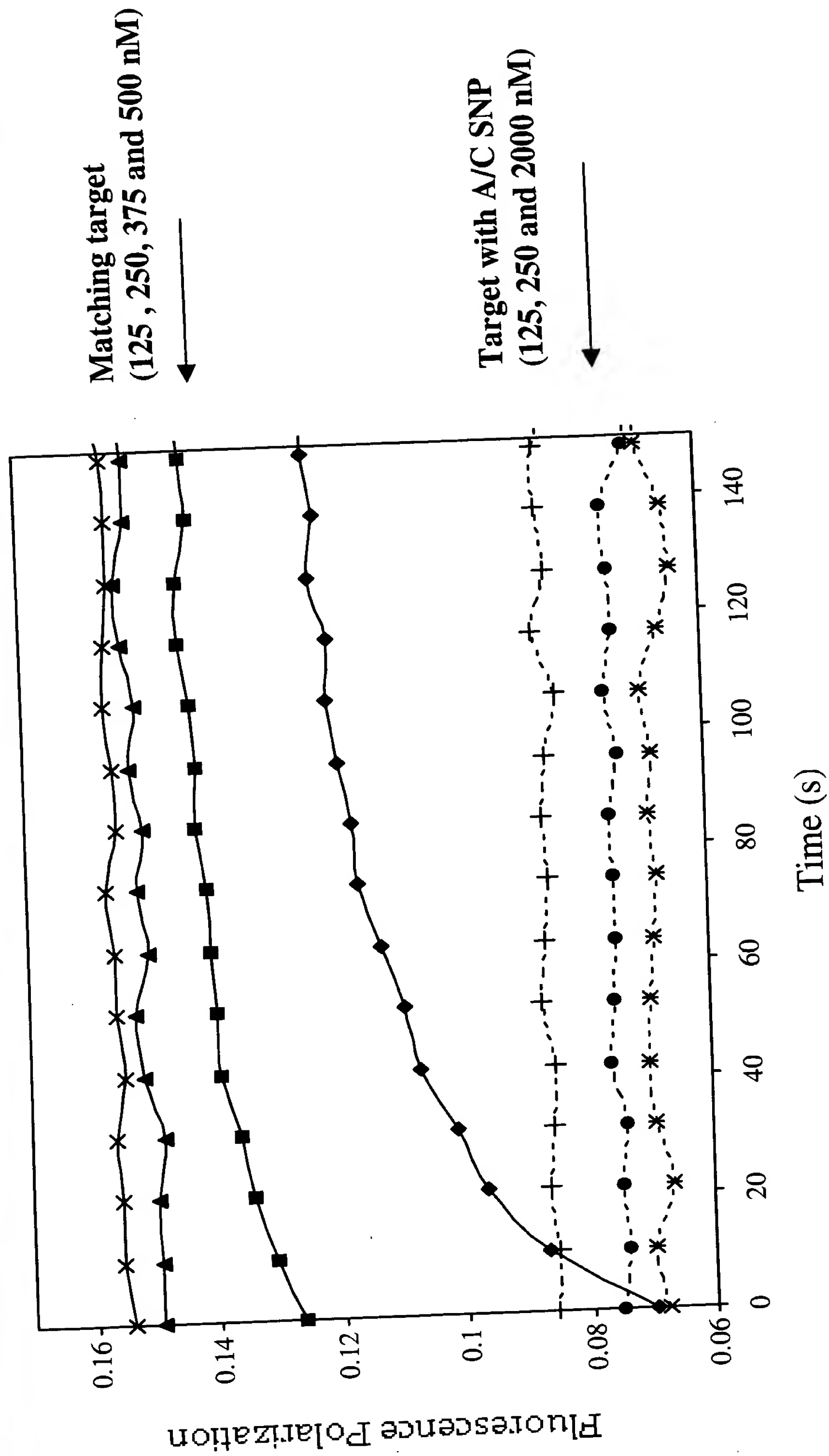
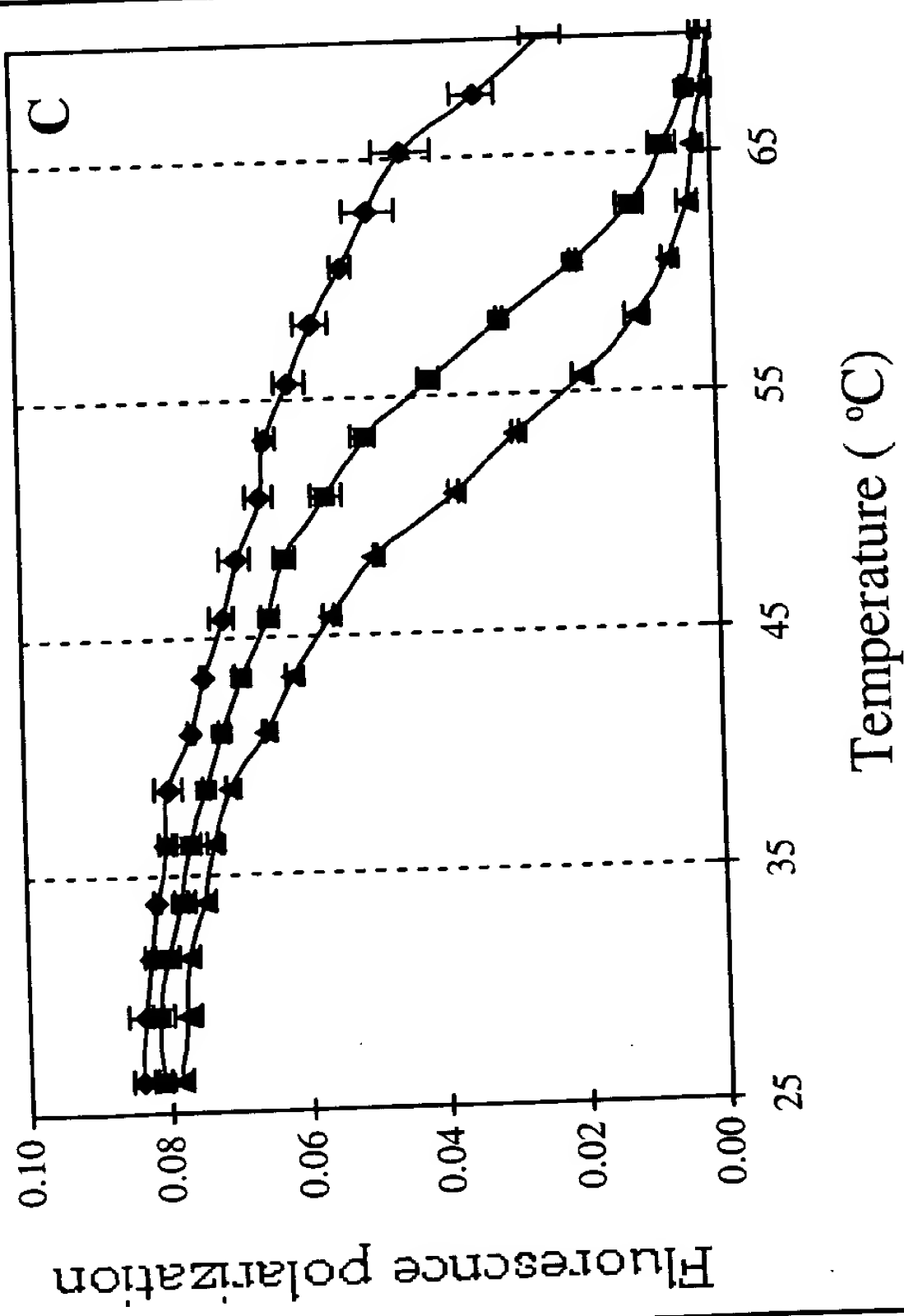
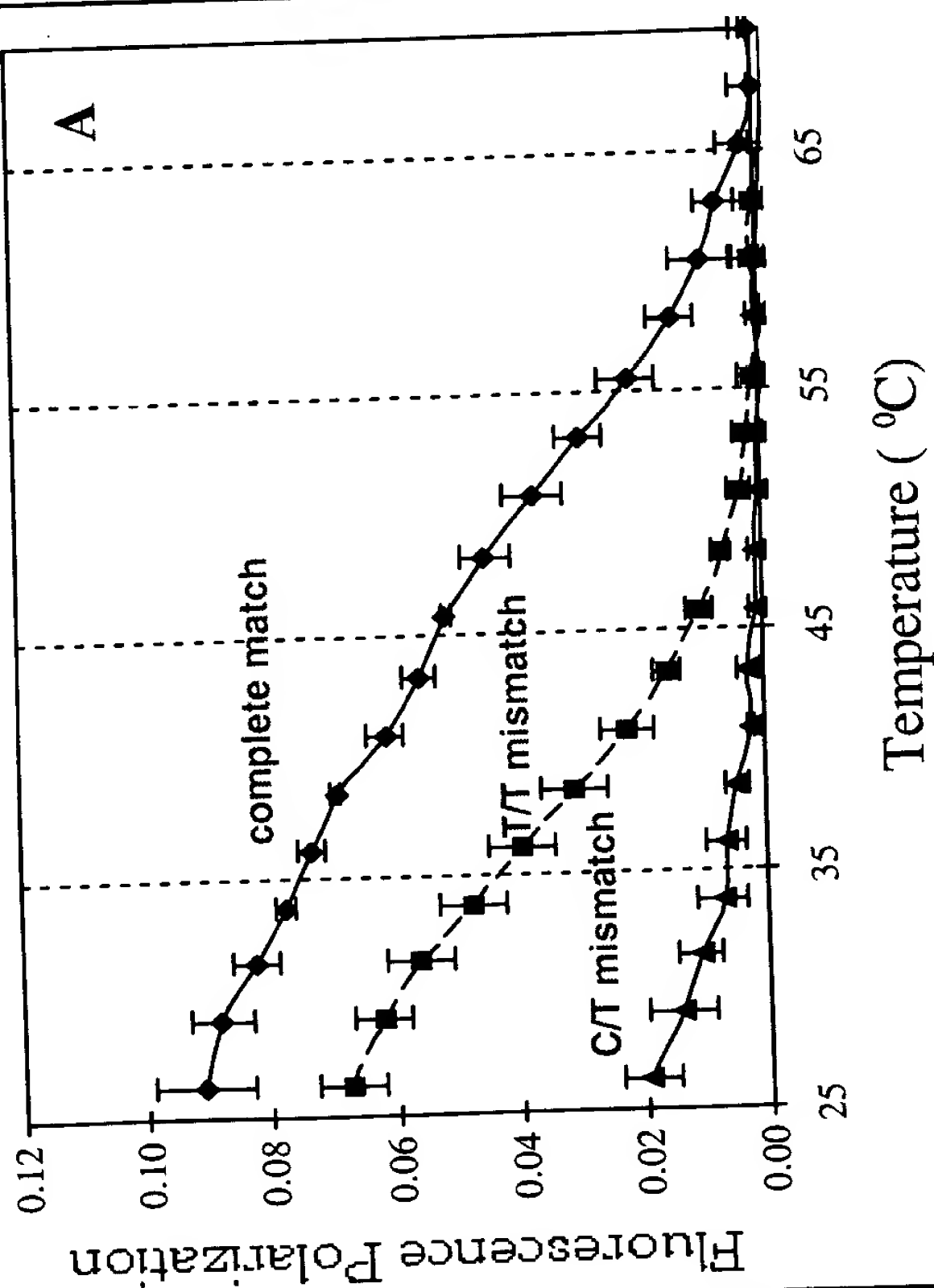
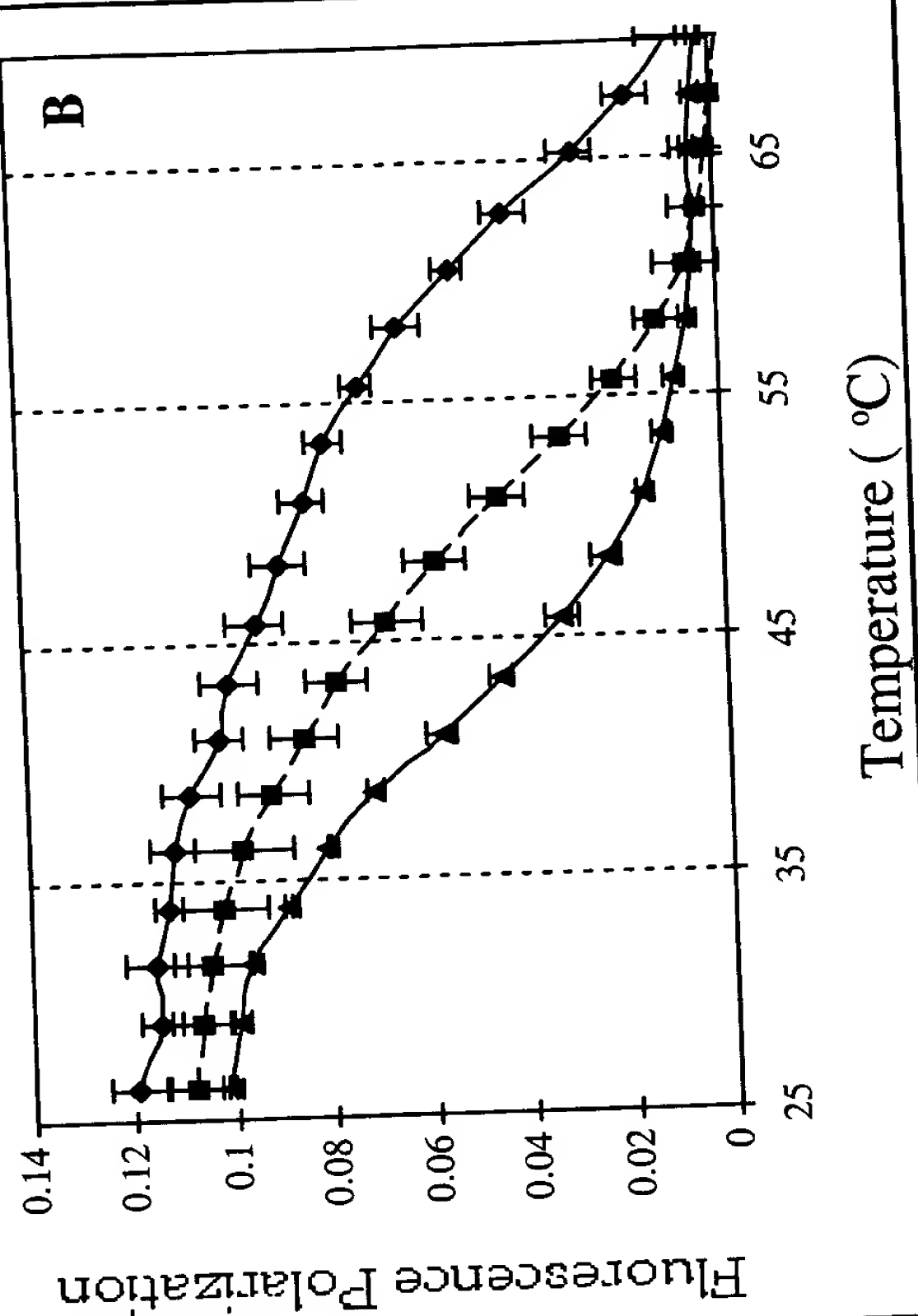


Fig. 2C





**Fig. 2D**



- A. PNA probe 188 ( 9mer)**
- B. PNA probe 201 (11mer)**
- C. PNA probe 202 (13mer)**



Fig. 3A

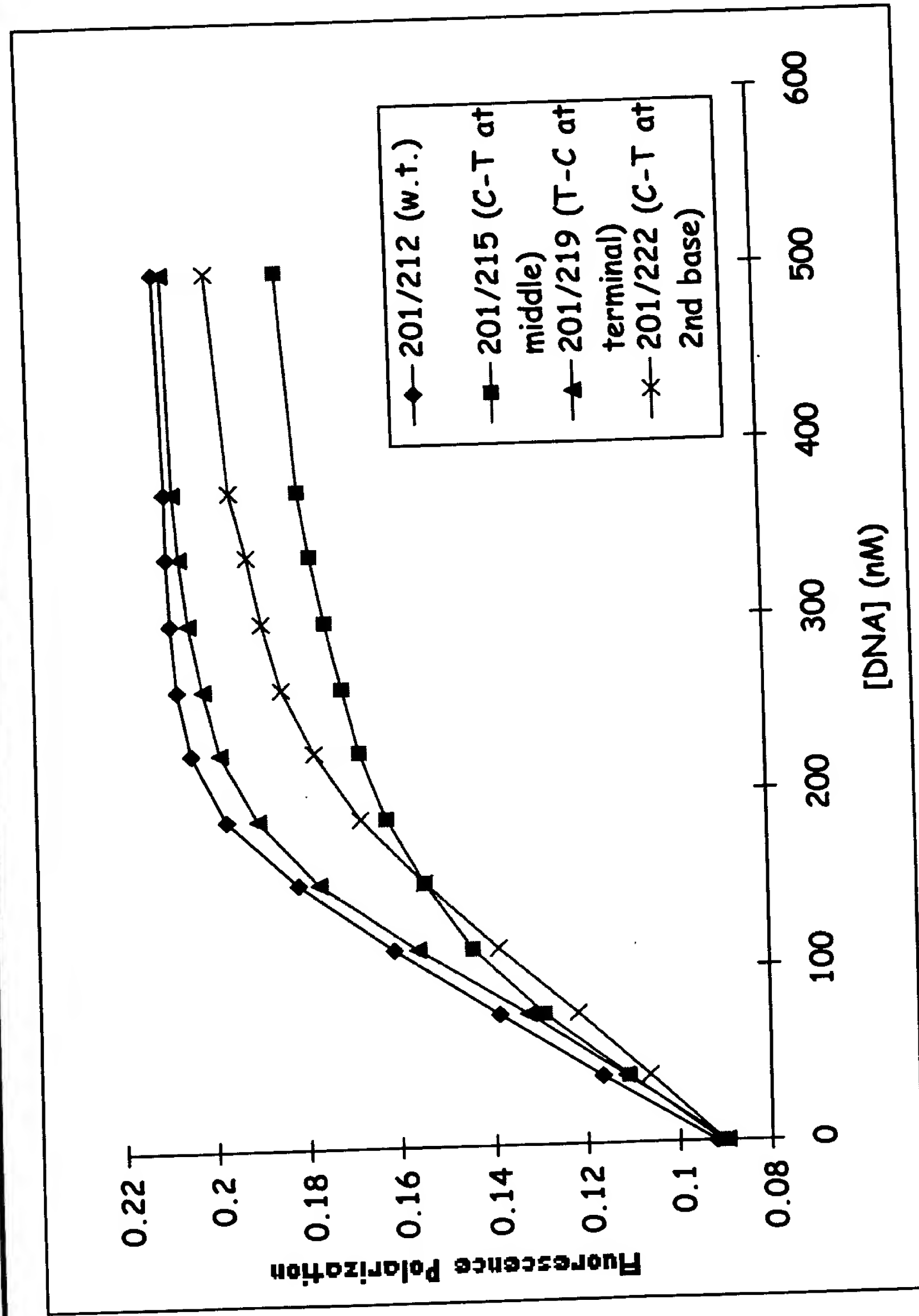
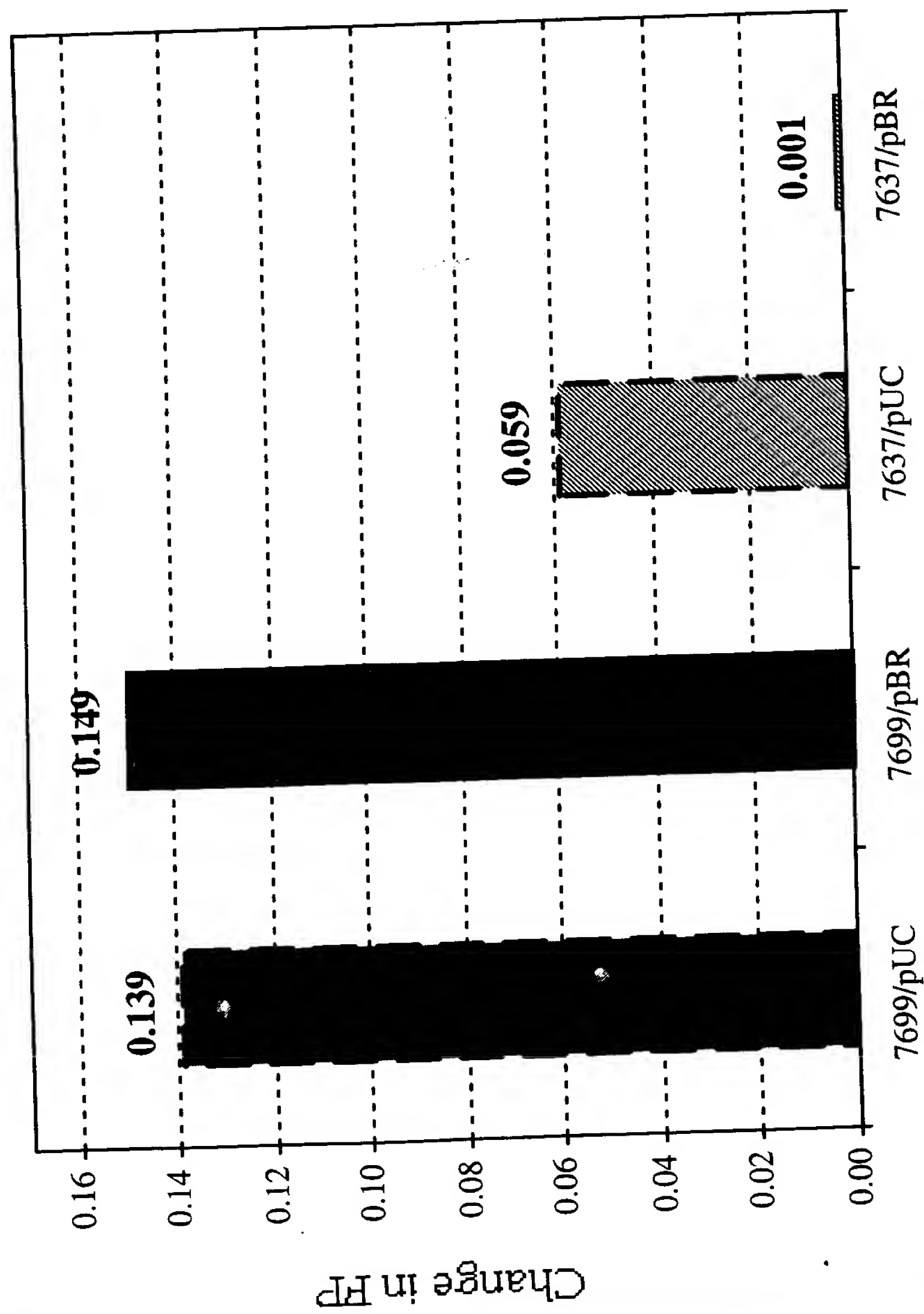




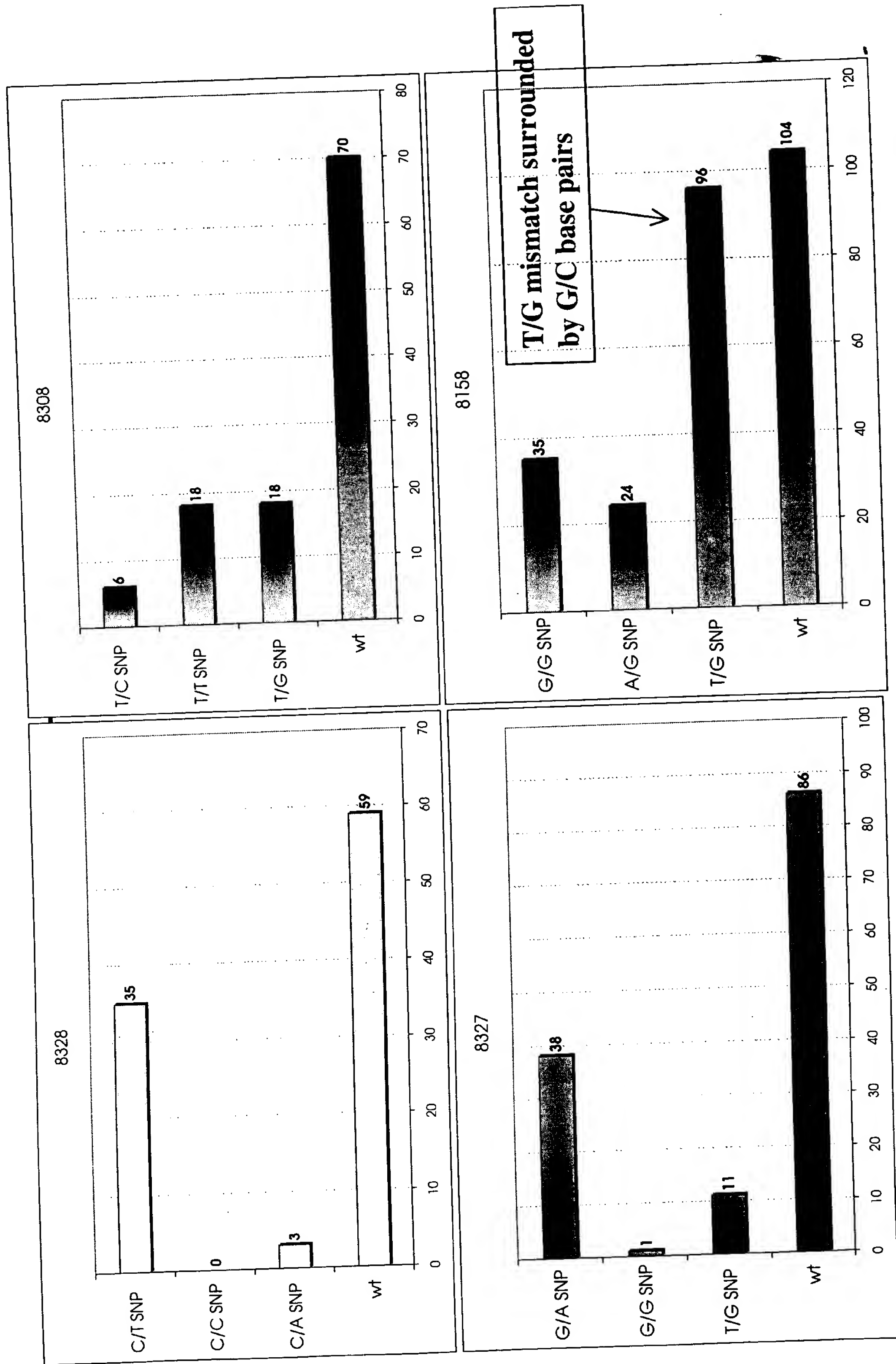
Fig. 3B



PNA probe/PCR product



Fig. 3C



[illegible]

**Fig. 3D**

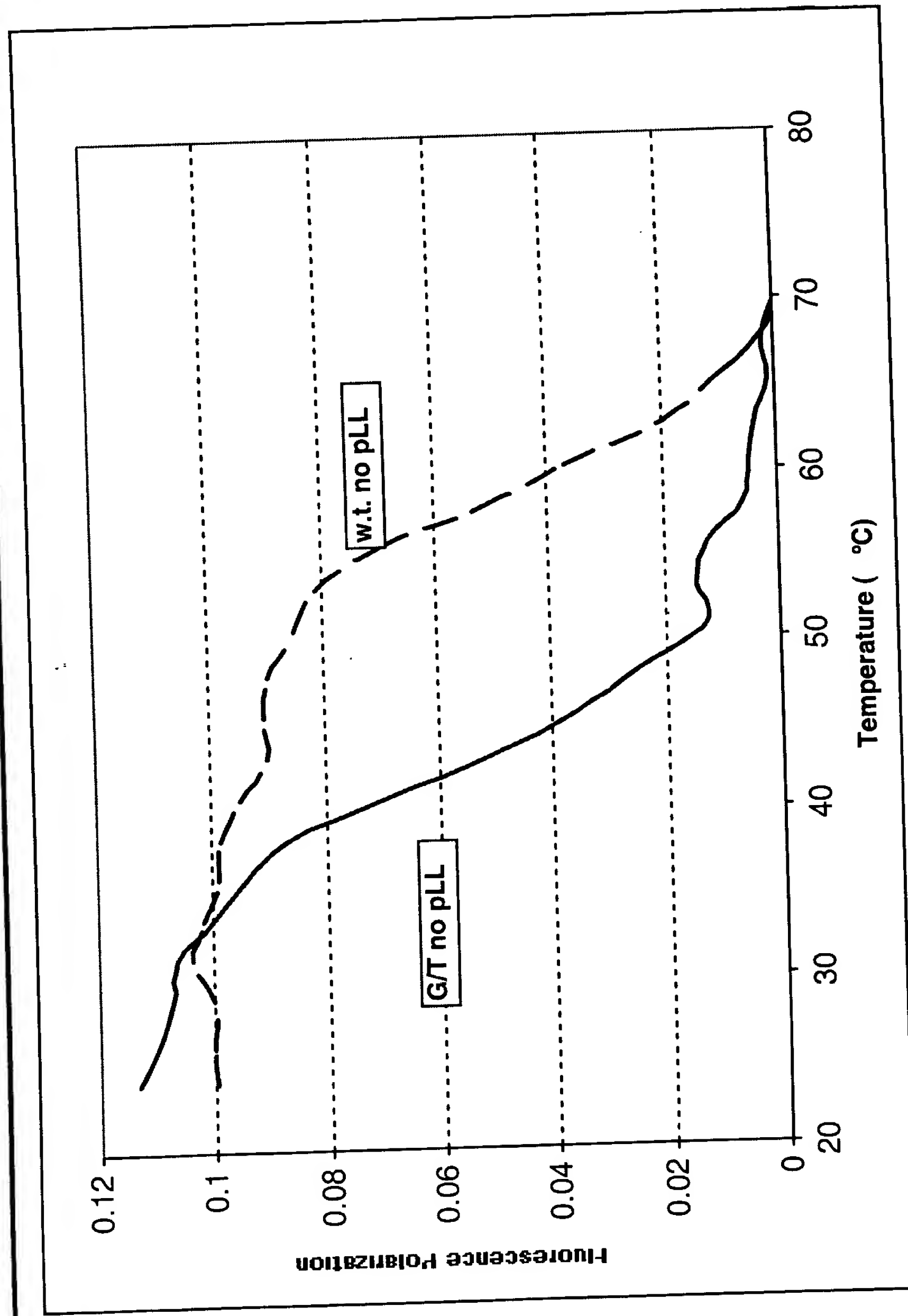


Fig. 4A

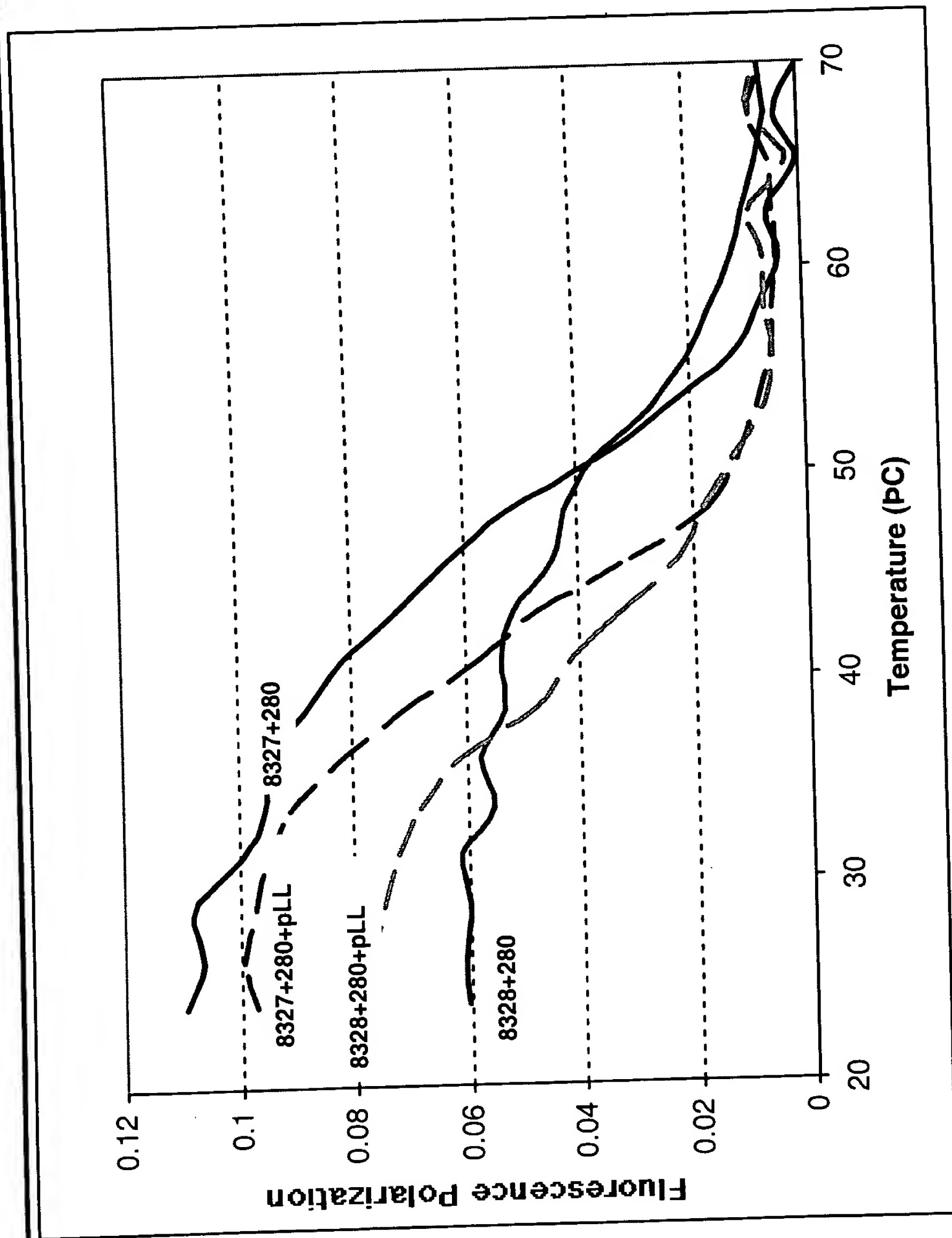


Fig. 4B

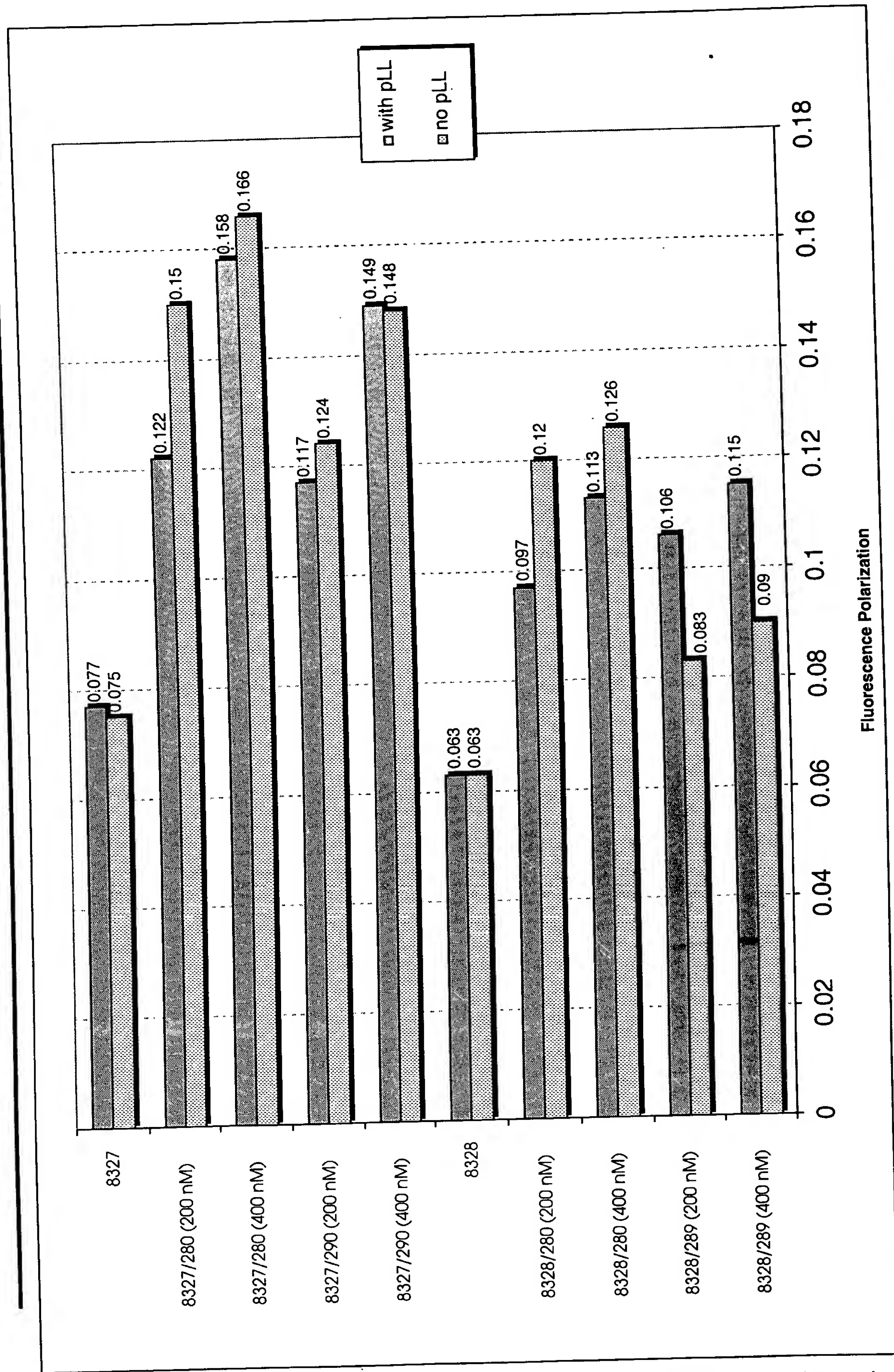
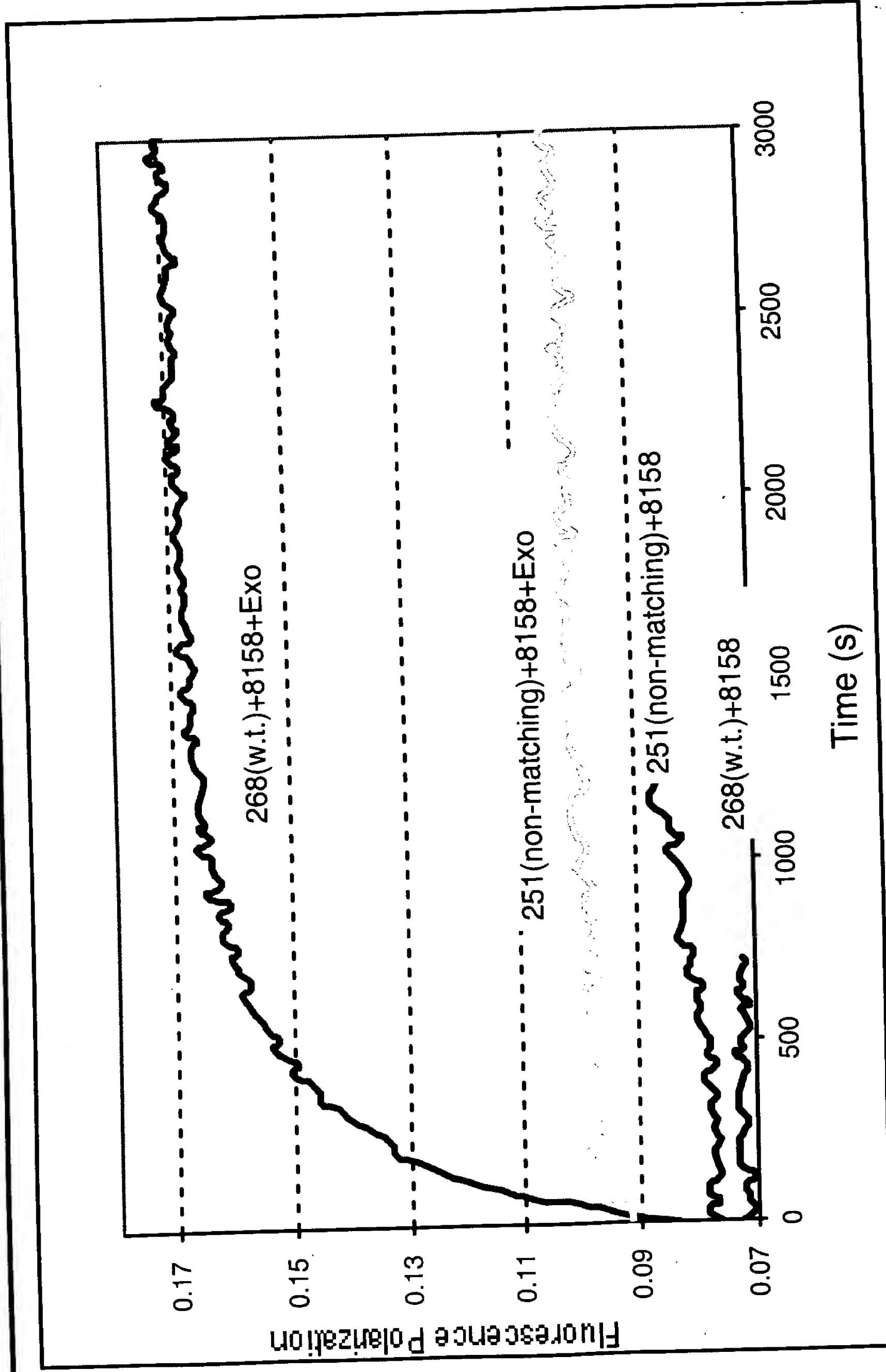


Fig. 4C



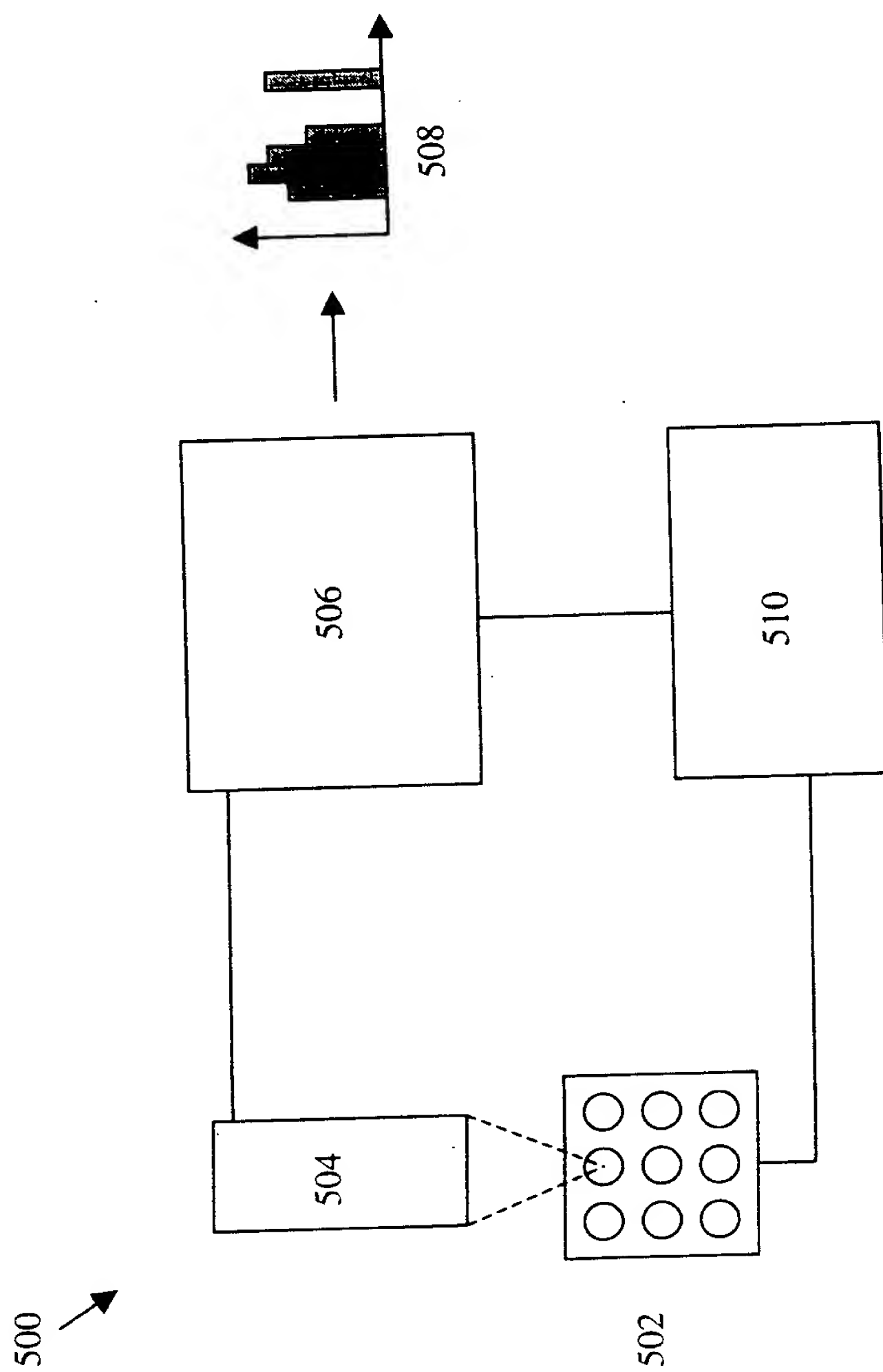


Figure 5

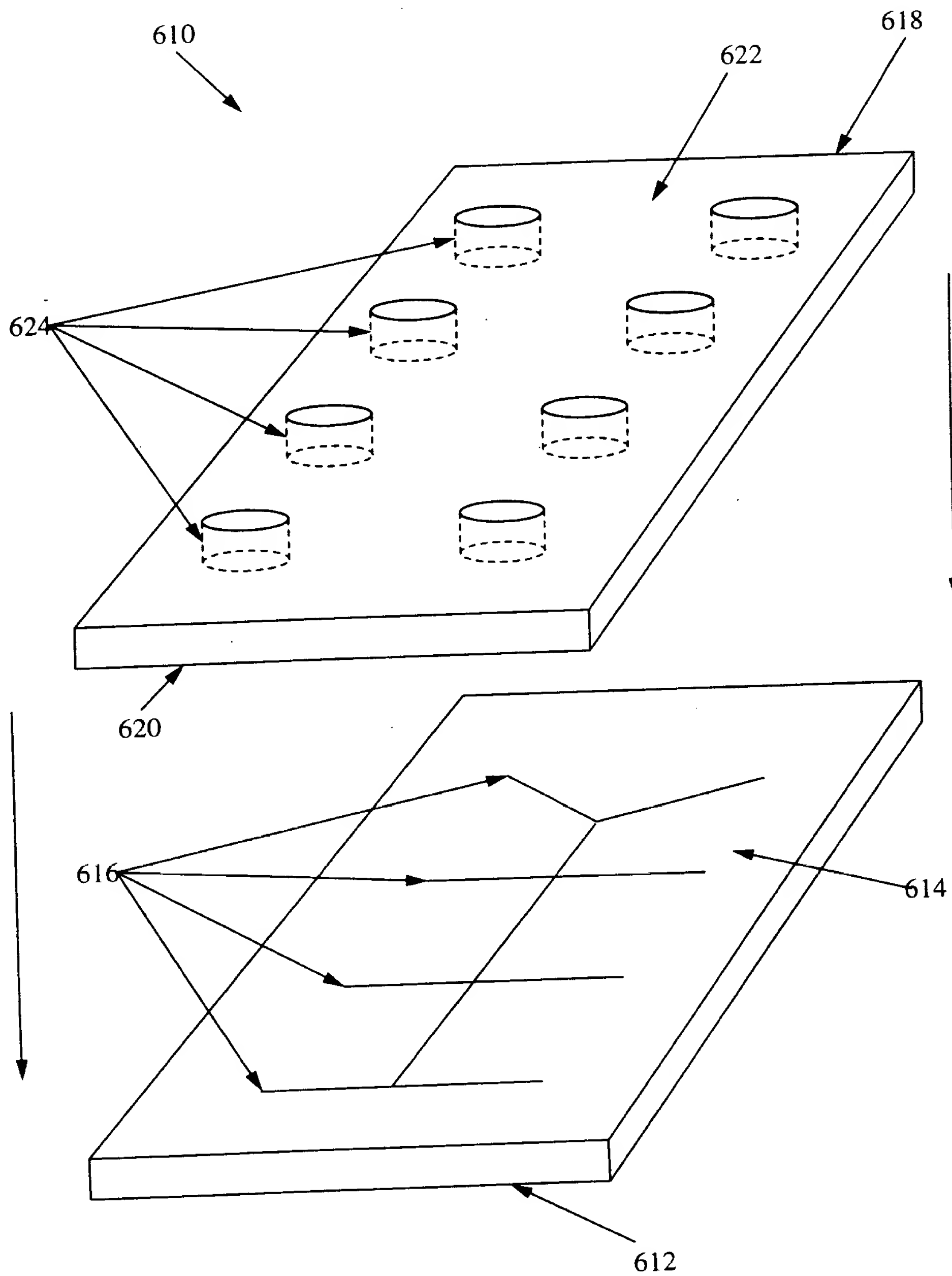


Figure 6





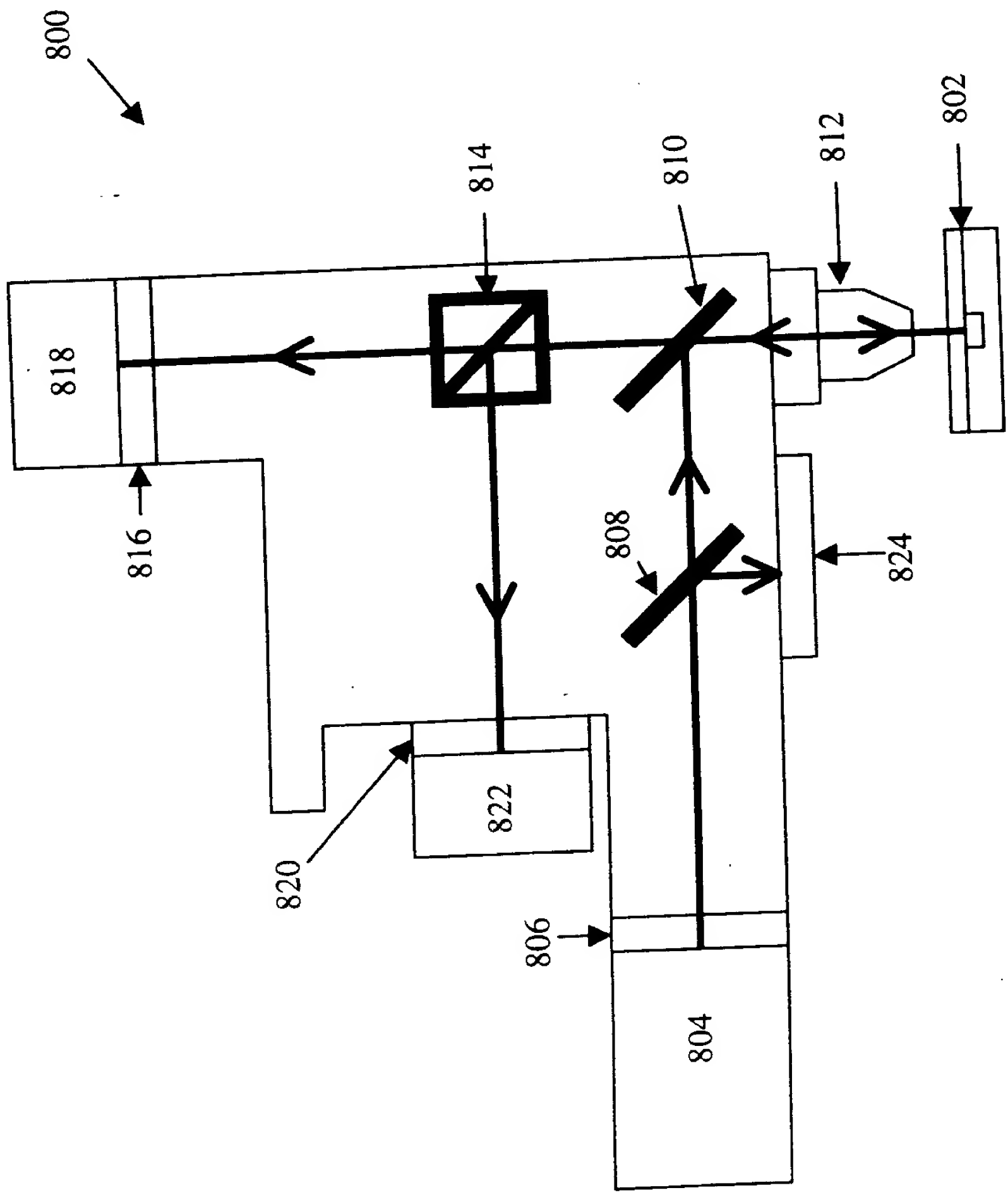


Figure 8

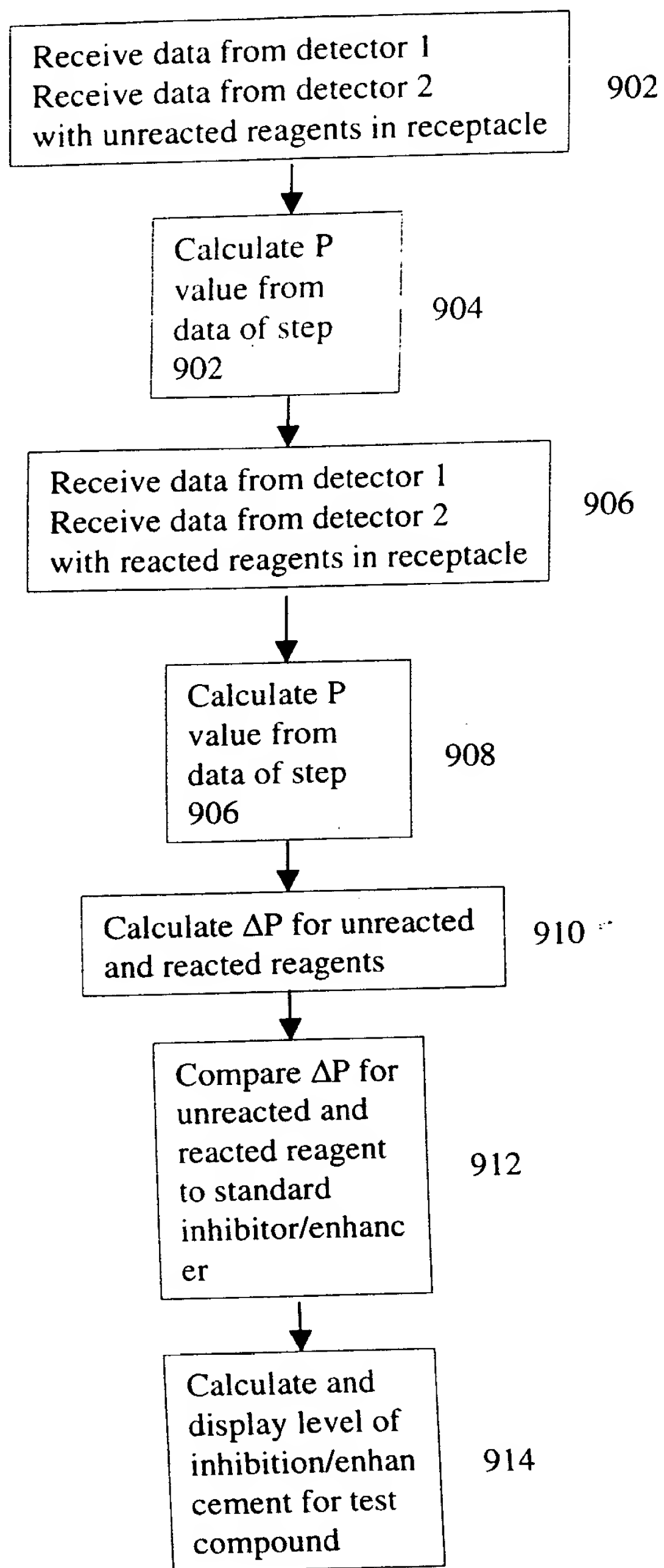


Figure 9

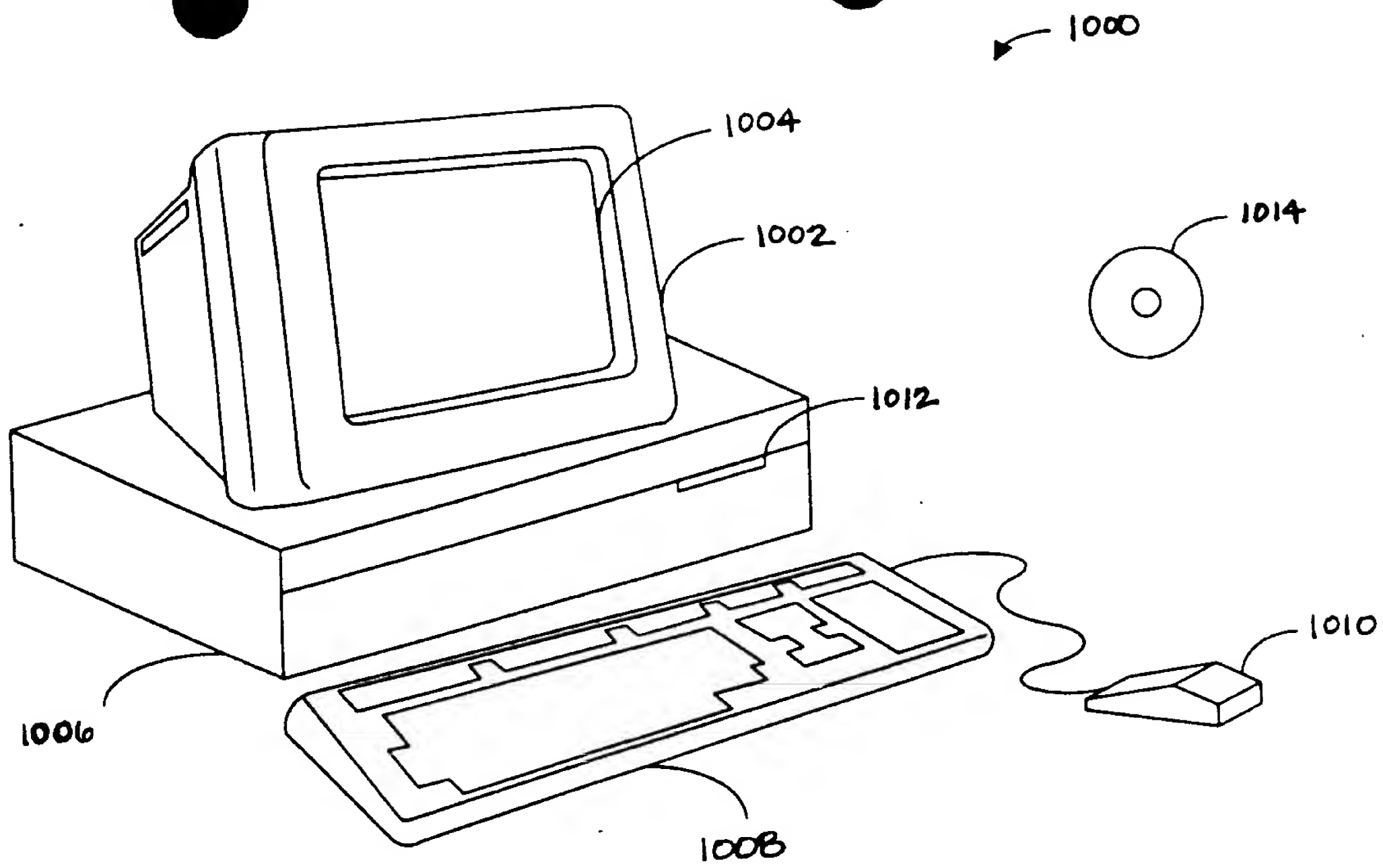


FIG. 10A

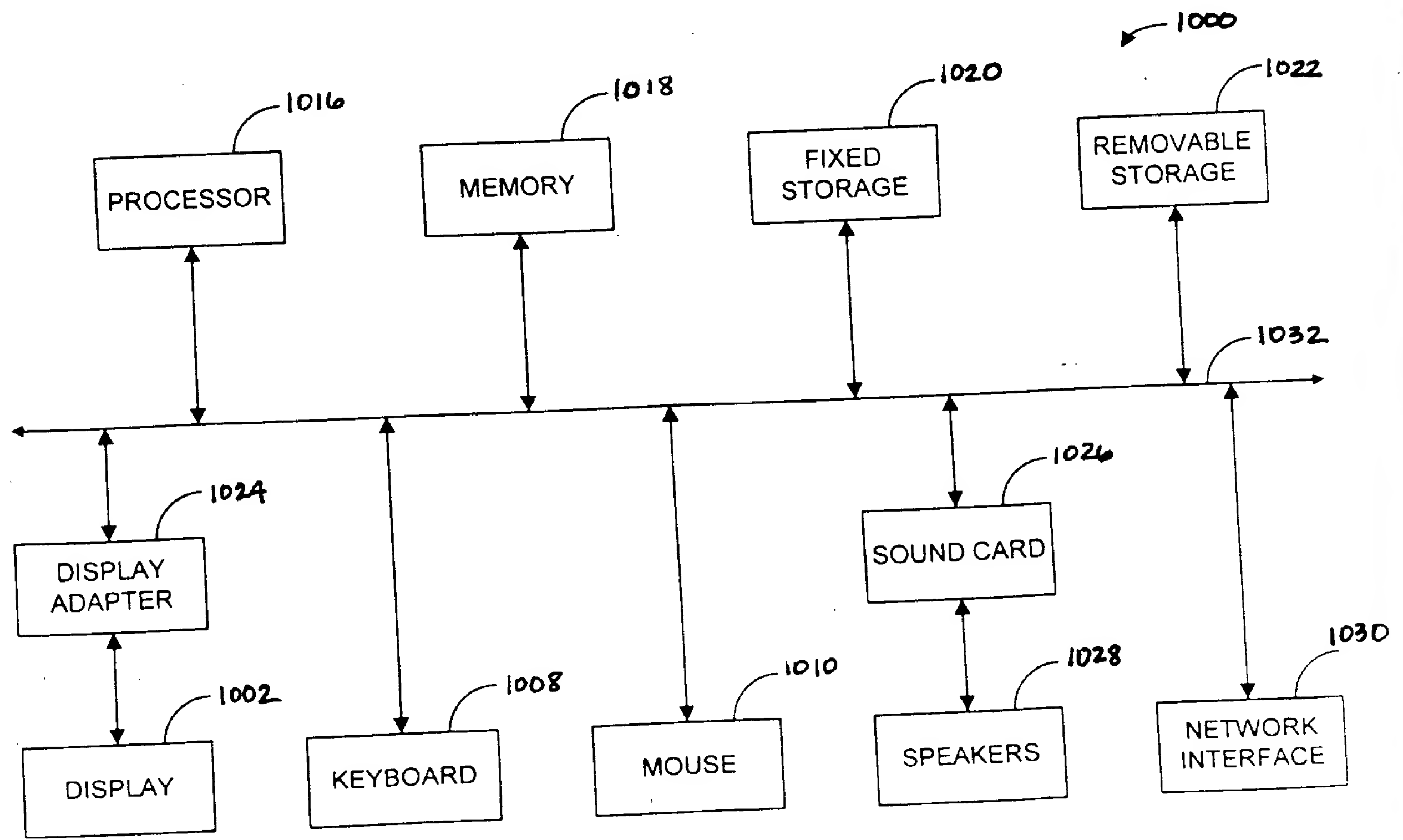


FIG. 10B

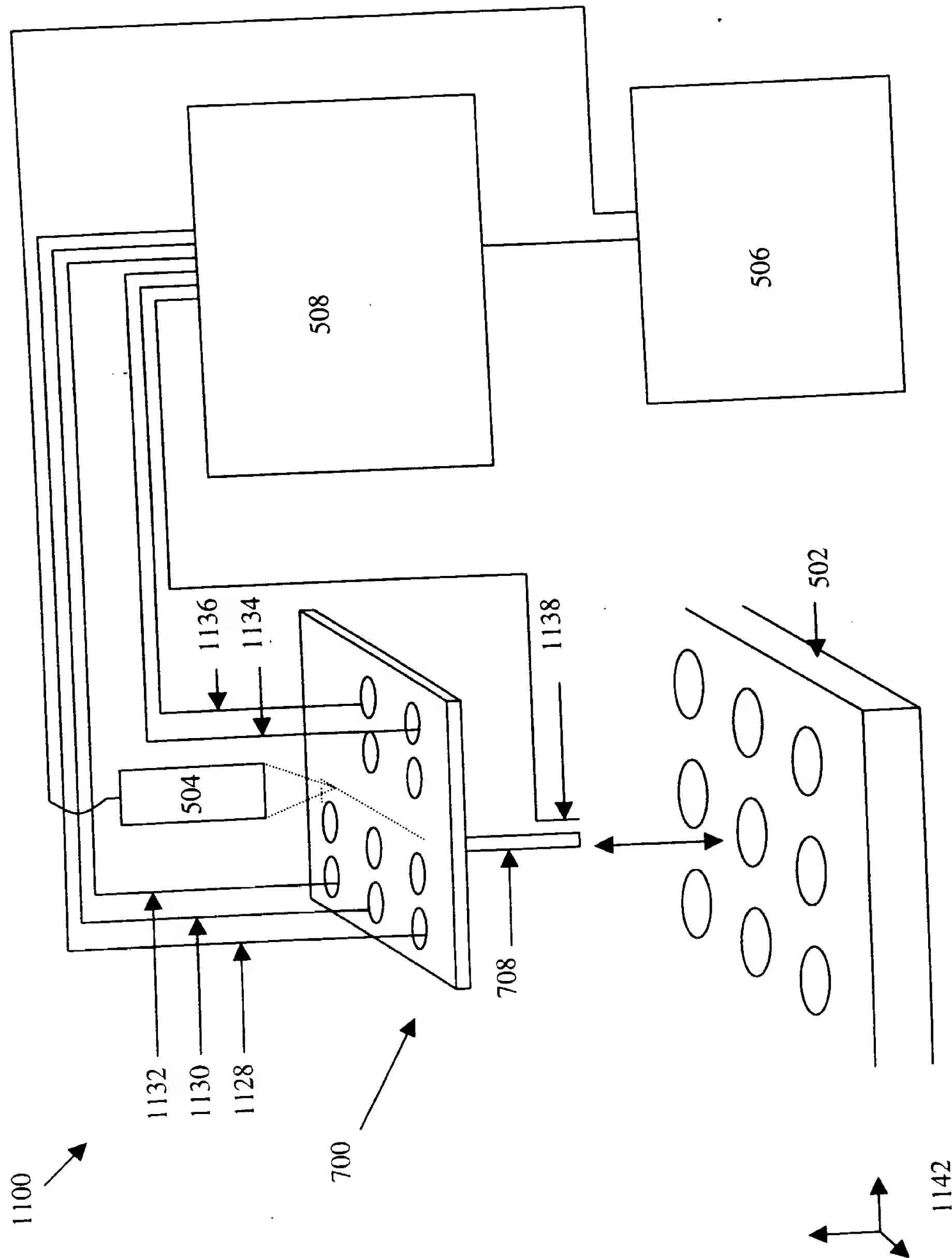
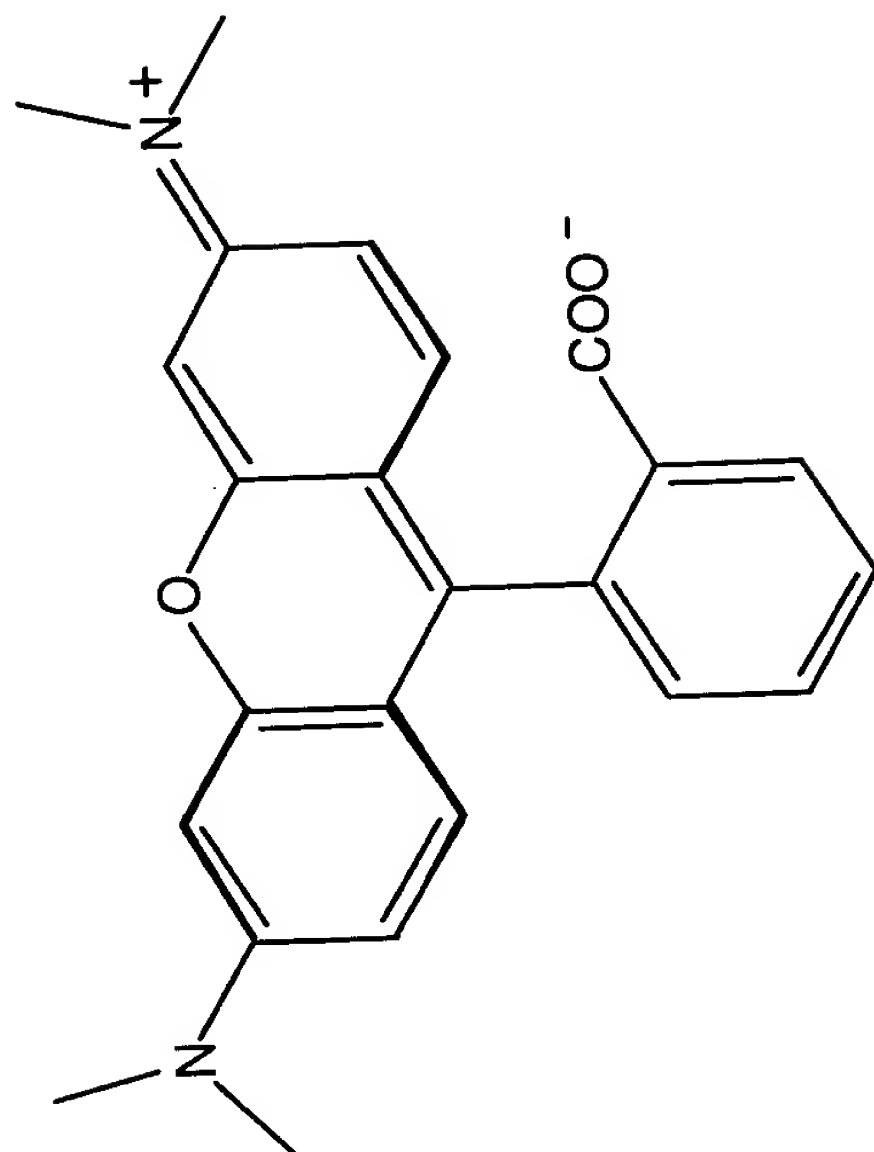


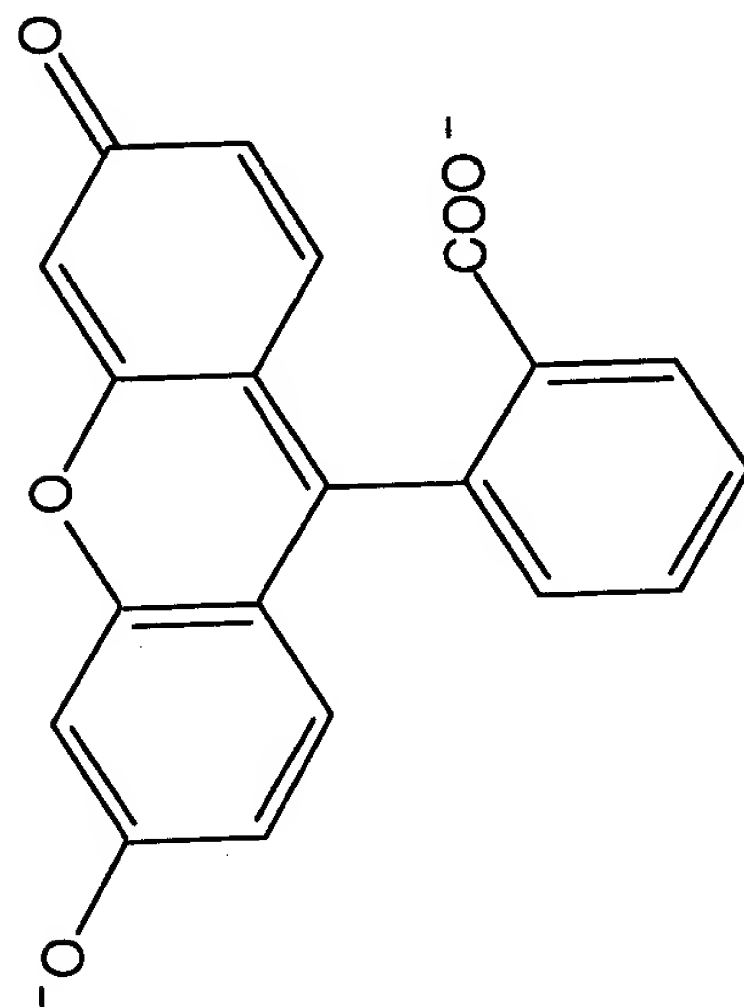
Figure 11

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

**Fig. 12**



## Rhodamine



## Fluorescein